



NITFS

Compliance Registration



Product: Active Earthscape, Increment 2

Sponsor: National Geospatial-Intelligence Agency

Developer: Harris Corporation

Date: 28 October 2008

Expiration: 27 October 2010

Registration #: 1035

- ☐ Initial Registration
☒ Supplemental/Update # 2
☐ Derived from Reg. # 7

☒ **System**
 N-0105/98, §4.1.1

NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

☐ **Product**
 N-0105/98, §4.1.2

☐ **Component**
 N-0105/98, §4.1.3

Format

- NITF**
☒ V2.1
☐ V2.0
☐ V1.1
NSIF
☐ V1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☒ STA
☐ TT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☐ NODISPLY
☐ POLAR

Image Compression

- ☒ Not Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☒ JPEG 2000
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ HISTOA
☒ J2KLRA
☒ PRODHA
 - DIGEST TREs
 - ACCHZB
 - BNDPLB
 - GEOLOB
 - GEOPLSB
 - MAPLOB
 - PRI/PSB

Interpret
Generate
Legend

- ☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Configurations Tested:

-Dual Core 3 GHz Xeon 5100

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division Chief

Joint Interoperability Test Command
 Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of the product for the intended use. Optional NITFS features may not be implemented.